

Krembil Research Institute

2016 Research Fact Sheet



About the Krembil Research Institute (Krembil)

Krembil is the research arm of the Toronto Western Hospital. In 2013, the Institute expanded with the opening of the Krembil Discovery Tower—a nine-storey, state-of-the-art research and clinical centre with an award-winning design. Krembil is located just north of the intersection of Bathurst and Dundas, in downtown Toronto.



Research Areas



Research at Krembil is focused on developing new insights into innovative treatments for chronic debilitating conditions that include neurological diseases, vision disorders and arthritis.

Foundations



Funds from the Toronto General & Western Hospital Foundation and the Arthritis Research Foundation contribute to research, education and patient care programs at Krembil and the Toronto Western Hospital.

Selected Research Advancements



Arthritis and Heart Health Dr. Nigil Haroon found that people—especially men—with a form of arthritis called ankylosing spondylitis are at increased risk of death from vascular disease. *Haroon NN, et al. Ann Intern Med. 2015.*



Seeing Pain in the Brain Drs. Mojgan Hodaie and Karen Davis used advanced imaging techniques to map the areas of the brain affected by trigeminal neuralgia, which causes intense facial pain. *DeSouza DD, et al. Pain. 2015.*



Visual Connections Dr. Philippe Monnier identified a group of proteins that help guide developing eye cells to connect with the brain. Targeting these proteins may represent a new therapeutic approach for vision loss. *Banerjee P, et al. Cell Death Differ. 2015.*



White Matter Matters For the first time, Dr. Daniel Mandell showed that tracking the accumulation of small-sized strokes can predict the loss of brain white matter—a feature linked to dementia. *Conklin J, et al. Ann Neurol. 2014.*

Researchers



36 Senior Scientists
10 Scientists
21 Affiliate Scientists
2 Emeritus
208 Clinical Researchers
277 Total Researchers

Trainees



59 Fellows
90 Graduate Students
149 Total Trainees

Support



275 Support Staff

Research Funding



\$44,528,119

Research Space



161,396 sq. ft.

Peer-Reviewed Publications



855